GLOOMY and DARK ROOMS
ILLUMINED BY THE LIGHT OF DAY
BY THE
PATENT COMBINATION REFLECTORS;
AND
WINDOWS SECURED AGAINST FIRE AND BURGLARY.

A Description, post-free, on application to
BOYD and CHAPMAN (late J. Boyd and Son), SOLE MANUFACTURERS,
79, WELBECK-STREET, CAVENDISH-SQUARE.

PLUMBIC ZINC.
MOREWOOD AND ROGERS'S PATENT PLUMBIC ZINC
POSSESSES THE DURABLE QUALITIES OF LEAD, and not requiring to be more than ONE-FOURTH AS HEAVY AS SHEET LEAD, is, with great ECONOMY and ADVANTAGE, substituted for that metal FOR ROOFING, RIDGES, GUTTERS, and all other purposes to which sheet lead is applicable.
THE EXPENSE OF THIS METAL IS LESS THAN ONE-HALF THAT OF LEAD.
For further particulars, apply to
MOREWOOD AND ROGERS, GALVANIZED TINNED IRON WAREHOUSE,
STEEL-YARD WHARF, 97, UPPER THAMES-STREET, LONDON.

IRON ROOF WORKS.
By Royal Letters Patent

JOHN WALKER, SON OF THE PATENTEE, GENERAL CONTRACTOR,
Having extended his means for executing Orders, and Contracts for
CORRUGATED IRON BUILDINGS AND ROOFS,
Galvanized or otherwise, will be happy to wait, by appointment, on ARCHITECTS, ENGINEERS, &c. Contracts are invited to ascertain his Prices for Shipping Orders. The Trade supplied with Corrugated Iron, Plain or Galvanized, or Iron Corrugated. References to Firms of the first class.
FIRE-PROOF FLOORING.
The utmost attention of ARCHITECTS, ENGINEERS, &c. &c is called to a particularly economical mode of erecting Fire-proof floors capable of sustaining great weights, without any thrust against the walls. Any Information, with Estimates, Drawings, &c. may be obtained at the Offices.
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IRON BUILDING and ROOFING WORKS,
BIRMINGHAM, late of Smethwick.
JOHN H. PORTER,
Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, factories, &c. &c.
PATENTEE
Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.
LONDON.—Office, 34, Cornhill.

THE PATENT GALVANIZED IRON.
TUPPER and CARR,
Owners of Crawford's Patents, and Successors to
THE GALVANIZED IRON COMPANY,
supply patent Galvanized Sheets, plain or corrugated, for roofing, Water or Gas Pipes, Castings, Wire of all gauges, Guttering, Spouts, &c. Wholesale, retail, and for export.
An allowance to the trade.
WORKS—REGENT'S CANAL WHARF, LIMEHOUSE, and BIRMINGHAM.
LONDON OFFICE, 3, MANSION-HOUSE PLACE.

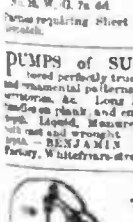
THE PATENT (IMPROVED) GALVANISED IRON.
JOHN SYMONDS and CO. solicit the attention of merchants, ofers, contractors, and others to the improvements they have made in working CRAUFURD'S PATENT, by which they are enabled not only to preserve the toughness and ductility of the iron, but to supply galvanized sheet-iron and wire of every description superior in all respects to that produced by any other process. Intending given for iron roofs, corrugated sheds, houses, wire for marquees, and submarine Cables, pipe caps, fencing, &c.
Emigrants and Shippers to the Cape, Regions, supplied with J. S. and Co.'s PATENT GALVANIZED IRON GOOD WASHING MACHINES.
N.B.—Circulars containing estimates for roofs fixed complete, lists of prices, and every other information, forwarded on application.
OFFICES—19, CIRCUS, MINORIES.
WORKS—GLASS-HOUSE-YARD, opposite the principal entrance to the London Docks.

GEORGE ROBINSON, DENNIS-PARK IRON FOUNDRY and GALVANIZED IRON WORKS, near TOTTERIDGE.—Prices for GALVANISING SHEET IRON as follows:—

No. 18, W. G. to 24	per cwt.	No. 16, W. G. 8s.	per cwt.
No. 18, W. G. to 26	"	No. 12, W. G. 10s. 6d.	"
No. 16, W. G. 7s.	"	No. 24, W. G. 12s. 6d.	"
No. 18, W. G. 7s. 6d.	"	No. 26, W. G. 13s. 6d.	"

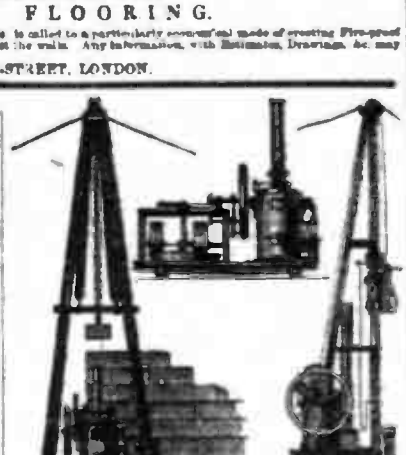
Parties requiring Sheet Iron Galvanized may have it done with despatch.

PUMPS of SUPERIOR CONSTRUCTION, bored perfectly true by the proved machinery, in various plain and ornamental patterns for squares, market places, roads, conservatories, &c. Lever Barrel and Hydraulic Lift Pumps, with handles on plank and engines of various powers, for wells of any depth. Liquid, Measure, Ship, Barge, and Brickmakers' Pumps, both cast and wrought. Pumps on hire of every description at any price.—BENJAMIN FOWLER, Hydraulic Engineer, New Pump Factory, Whitefriars-street, Fleet-street.



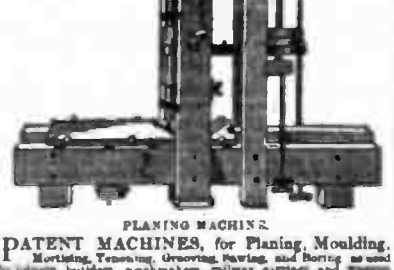
TO BUILDERS AND PLUMBERS
The attention of the Trade is called to
JOHN WARNER & SONS'
PATENT VIBRATING STANDARD PUMP,
which is recommended for the simplicity of its construction, and the ease with which it works.
By the introduction of the vibrating standard, the cumbrous carriage and expensive slings and rods are unnecessary, rendering the price considerably less than pumps made on the old plan.
Beer and Water Engines for raising fluids from a depth not exceeding 30 feet; also, Garden Engines constructed on the same principle.
JOHN WARNER & SONS,
8, Cornhill, Jewin-street, London.
Manufacturers and Patentees.

ARTESIAN WELLS, Boring for Water, Sinking Shafts, &c.—The Nobility, Gentry, Water Companies, Towns Improvement Unions, Public Baths, Brewers, Distillers, Papermakers, Manufacturers of every description, may be SUPPLIED with any quantity by DAVID GREENLEY, Civil Engineer, and patentee of boring tools, 10, Cumming-street, Pentonville, London, who, having had upwards of twenty years' experience, is enabled to give the most satisfactory and highly respectable references. Pumps and machinery of every description for raising water from deep wells, boring tools, with suitable pipes, for exportation, with instructions. Nut and tools supplied to bore for railroads, wharves, &c.



A SAVING of TIME and MATERIALS, with solidity of Building
NATHAN GOUGH'S PATENT PORTABLE STEAM-ENGINES of two, three, four, and six-horse power, for grinding mortar, raising building materials, driving pilos, circular saws, pumps, &c. 63, Albert-street, Manchester.
TESTIMONIAL
From the Trustees of the Birkenhead Docks.
"Engineer's Office, Dock yard, Birkenhead, 31st July, 1851.
"Nathan Gough, esq.
"Sir,—I have much pleasure in informing you that the three-horse engine which you have placed in the Caisson for pumping, answers its purpose admirably, doing its work much better than seventy men could accomplish. From its portability and lightness, it is peculiarly adapted for such a purpose.
"I am, Sir, your obedient servant,
"JAS ABERCROMBY."

THE GREAT EXHIBITION IN LONDON AWARDED A PRIZE MEDAL TO THESE MACHINES



PLANING MACHINE.
PATENT MACHINES, for Planing, Moulding, Mortising, Tenoning, Grooving, Sawing, and Boring as used by joiners, builders, cabinet makers, railway carriage and wagon builders, cabinet manufacturers, piano-forte makers, &c. &c. The principal institution for the encouragement of Arts have awarded seventeen premiums to these machines; they have been found in every respect perfect in their operations on either hard or soft wood, and will perform all the ordinary descriptions of work required in the above trades in a superior manner, at a greatly reduced cost. These machines are now used by the British, French, and American Governments, and by all the principal constructors, builders, and machinists in the United Kingdom.
They are also well worth the attention of all merchants and artisans who are trading with or emigrating either to Australia or any of the colonies, or other countries where the price of labour is high and difficult to obtain.
Sold by WILLIAM FURNESS, Patentee, 39, Lawton-street, Liverpool.

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GAS CHANDELIERS, HALL LANTERNS, &c.—To Gasfitters, Ironmongers, and the Trade generally.—The Most complete assortment in existence of every description of Gas-fittings suitable for dressing and Glass warehouses, Showrooms, Halls, &c. Every article manufactured on the premises, and marked with the wholesale prices. No. Arnott's Improved Ventilators, Patent Gas Meters, &c. at D. HULETT and CO.'S, 63 and 65, HIGH HOLBORN.—N.B. Large patterns, loads of copper-work, with price lists, &c.; small ditto, 2s. D. Hulett's improved varnish Cleaner.

LOSH, WILSON, and BELL, NEWCASTLE-ON-TYNE,
Manufacturers of Bar Iron, Railway Bars, Forge and Engine Work, Cranes on Goods, and
STEWART'S PATENT CAST-IRON GAS and WATER PIPES.
Office, No 7, Nicholas Lane, London.

FOUNDRY AND IRON WORKS,
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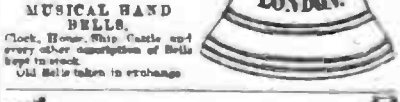
GLOVER, BROS.,
solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either of constructive or ornamental.
Patterns of Girders, Columns, Balconies, Railing, Ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pans, Weights, Plummets, Ladders, and Sheave Pulleys; Range and Hot-plate Metal. An improved Sash Door adapted for Internal Work.
A large stock of Rain-water Pipes, Plain and O.G. Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.
Plain and Ornamental Vases 25 per cent. cheaper than Terra-cotta.
Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Conservatories, Wrought-iron Girders, Fireproof Doors, Book-safes and Strong Rooms, Tanks and Boilers, and every description of Ironwork to specification, and the work executed with every attention to quality and despatch.
GLOVERS' IRONWORKS,
69, DRURY-LANE, and CHARLES-STREET.

SIR W. S. HARRIS'S LIGHTNING CONDUCTORS.—The public is admitted, as well as Trade of Church, Building Committees, &c. &c. these Conductors in the preservation of churches and all descriptions of buildings, is entitled to the very numerous recent distinguished effects of the heavy thunder storms which have prevailed. THOS. W. GRAY, 76, King William-street, City, London, respectfully announces that he is the only person authorized by Sir W. Harris to apply his Lightning Conductors, and who will not be responsible for their application by any other persons. The peculiar form and adaptation of these Conductors is such as to safely carry off any amount of electric fluid, as evinced in many authenticated instances at sea, both in the navy and merchant service, as well as in buildings; and to show the importance of these Conductors, it may be stated that the Prize Council Medal of the Great Exhibition was awarded for them.
Mr. T. W. GRAY will be happy to supply any information that may be desired, and to furnish estimates of the cost for fitting the Conductors.

CHURCH and TURRET BELLS.
EXHIBITION PRIZE MEDAL granted to
J. WARNER AND SONS,
BELL FOUNDERS AND ENGINEERS,
who are prepared to contract for the supply of
CHURCH BELLS
of any weight or key, singly or in peals, of superior tone. Peals improved, cracked bells recast, rehung, &c.

MUSICAL HAND BELLS,
Clock, House, Ship, Castle and every other description of Bells kept in stock.
Old Bells taken in exchange



JENNINGS'S PATENT SHOP SHUTTER-SHOE and FASTENER costs HALF the PRICE of the usual SHUTTER BAR.
May be had from any Ironmonger, or from the Patentee, GEORGE JENNINGS, 2, Great Charlotte-street, Blackfriars-road.

PAPER-HANGINGS, by E. T. ARCHER'S patented Machines, Blocks, Cylinders, and Artistical Colours, at his Manufactory for all kinds of every adapted for Internal decorations. PANELLED DECORATIONS fitted up on the walls of the extensive Show Rooms, in every known style, and for all purposes, by artists of known merit.
Always on hand a CHOICE and EXTENSIVE SELECTION of FRENCH PAPERS, from the best manufacturers in Paris.
Attached to the paper-hanging factory there is the choicest assortment of CABINET FURNITURE in London, of the best make, and upholstery goods of the first fabrics. Brussels carpet, 3s. 6d. per yard; 5-feet dado, the best that can be made, cut to any dimensions, 3s. 9d. per yard; with and wounted curtains, of the finest fabric, 9 feet wide, 5s. per yard, at
E. T. ARCHER'S, 461, Oxford-street.

PAPER-HANGINGS, the Cheapest in London, at CROSBY'S Wholesale and Retail Warehouses, 33, Great Portland-street, Oxford-street, where builders and the trade can select from a stock of 50,000 pieces at the following reduced prices:—

Drab and Bed-room Papers	from 3½d	per yard
Painted Marble, Granite, and Oak Papers	from 4½d	do.
Superior Dining and Drawing-room Papers	from 10d	do.
Satins and Flock	from 10d	do.

IMPORTANT to FAMILIES FURNISHING, who study Elegance with Economy.—French polished Mahogany Arabian Bedsteads, three mattresses, Bedding, Cabinet, Carpet, Looking-glass, and Upholstery Warehouse Ironmongery given, and a list of prices sent post-free.
JAMES COOK, BRIGHTON HOUSE, 2, and 3, QUEEN'S-BUILDINGS, KNIGHTSBRIDGE.

TO ARCHITECTS.—Frequent complaints having been made by ARCHITECTS and others, of the failure of certain works supplied to have been done by this Company (but which in fact were executed with spurious imitations), a list of all works executed with the genuine REYNOLDS'S ASPHALTE is kept at the Office, that it may be at any time ascertained whether any work in which a failure has taken place was executed by this Company.
J. FARRELL, Secretary.
REYNOLDS ASPHALTE WORKS, Shoreditch, London.
ESTABLISHED 1838.

N.B. The exclusive supply of Asphalte from the Mines of Pyrmont Seyssel being conceded to this Company, the Directors particularly recommend Architects, Builders, and others (for the purpose of ensuring the use of the genuine article) to insert in their specifications "REYNOLDS'S ASPHALTE, CLARIDGE'S PATENT," and not merely "Asphalte" or "Bitumen," as in many cases where these terms have been used, spurious and other worthless and defective compositions have been introduced.

1852.